

Access to online conference: <https://ethicomp-online.com>

June 15 [SYNCHRONOUS ACTIVITY] 15.30-16.00 - Madrid time

Virtual space: [Keynotes & Plenary sessions]

- **Welcome to ETHICOMP 2020**, by *Kiyoshi Murata (Meiji University)*, *Jorge Pelegrín-Borondo (La Rioja University)*, *Ana María Lara-Palma (Burgos University)* and *Mario Arias-Oliva (Universitat Rovira i Virgili)*

*(The objective of this welcome session is to make sure that you have access to the online system, and to learn how to access virtual meeting rooms and discussion environment to follow the online conference)*

June 16 [SYNCHRONOUS ACTIVITY] 15.30-17.00 - Madrid time

Virtual space: [Keynotes & Plenary sessions]

- **[KEYNOTE] A journey in Computer Ethics: from the past to the present. Looking back to the future**, by *Simon Rogerson (De Montfort University, UK)*, *Shalini Kesar (Southern Utah University, USA)*, *Don Gotterbarn (East Tennessee State University, USA)*, *Katleen Gabriels (Maastricht University, Netherlands)*

June 17- June 22 [ASYNCHRONOUS PAPER PRESENTATIONS AND DISCUSSIONS] [JUNE 17 – JUNE 22]

Virtual space: Track #01 | Creating Shared Understanding of “Trustworthy ICT”

- The Philosophy of Trust in Smart Cities, by *Mark Ryan*
- Virtuous Just Consequentialism, by *Olli I. Heimo and Kai K. Kimppa*
- Artificial Intelligence – how to discuss about it in ethics, by *Olli I. Heimo and Kai K. Kimppa*
- Homo Ludens Moralis: designing and developing a board game to teach ethics for ICT education, by *Damian Gordon, Dympna O'Sullivan, Ioannis Stavarakakis and Andrea Curley*
- Developing a measure of online wellbeing and user trust, by *Liz Dowthwaite, Elvira Perez Vallejos, Helen Creswick, Virginia Portillo, Menisha Patel and Jun Zhao*

Virtual space: Track #02 | Cyborg: A Cross Cultural Observatory

- A brief study of factors that influence in the wearables and insdeables consumption in mexican society, by *Juan Carlos Yáñez Luna, Pedro Isidoro González Ramírez, Mario Arias-Oliva and Jorge Pelegrín Borondo*
- Cyborg acceptance in healthcare services: theoretical framework, by *Ala' Almahameed, Mario Arias Oliva and Jorge Pelegrin Borondo*
- Ethics and acceptance of insideables in Japan: an exploratory q-study, by *Stéphanie Gauttier, Jorge Pelegrín Borondo, Mario Arias-Oliva and Kiyoshi Murata*
- The ethical aspects of a “psychokinesis machine”: an experimental survey on the use of a brain-machine interface, by *Yohko Orito, Tomonori Yamamoto, Hidenobu Sai, Kiyoshi Murata, Yasunori Fukuta, Taichi Isobe and Masashi Hori*
- Transhumanism: axiological challenges, by *Ferran Sánchez Margalef*

Virtual space: Track #03 | Diversity and Inclusion in Smart Societies: Not Just a Number Problem

- Bridging the gender gap in stem disciplines: an RRI perspective, *by Maria Michali and George Eleftherakis*
- Smart cities; or how to construct a city on our global reality, *by Andres Enrique Uribe Garriga*
- No industry entry for girls – is Computer Science a boy's club?, *by Gosia Płotka and Bartosz Marcinkowski*

Virtual space: Track #04 | Educate for a Positive ICT Future

- Educational games for children with Down Syndrome, *by Katerina Zdravkova*
- Improvements in tourism economy: smart mobility through traffic predictive analysis, *by Juan Guerra-Montenegro and Javier Sánchez-Medina*
- Start a revolution in your head! the rebirth of ICT ethics education, *by Simon Rogerson*
- What are the ingredients for an ethics education for computer scientists?, *by Norberto Patrignani and Iordanis Kavathatzopoulos*
- Impact of educate in a service learning project. opening up values and social good in higher education, *by Ana Maria Lara Palma, Montserrat Santamaría Vazquez and Juan Hilario Ortiz Huerta*
- Overcoming barriers to including ethics and social responsibility in computing courses, *by Colleen Greer and Marty J. Wolf*
- Lesson learned from experiential project management learning pedagogy, *by Shalini Kesar and James Pollard*
- Computer ethics in bricks, *by Gosia Płotka and Bartosz Marcinkowski*

Virtual space: Track #05 | Internet Speech Problems - Responsibility and Governance of Social Media Platforms

- Internet Speech Problems - Responsibility and Governance of Social Media Platforms, *by Fabiana Piñeda Naredo and Adriana Belgodere Rivera*
- Problems with Problematic Speech on Social Media, *by William Fleischman and Leah Rosenbloom*
- Sri Lankan politics and social media participation. A case study of the presidential election 2019, *by Matthew Warren, Chintha Kaluarachchi and Ruwan Nagahawatta*

Virtual space: Track #06 | Interpretability of Algorithms

- From algorithmic transparency to algorithmic accountability? Principles for responsible ai scrutinized, *by Paul de Laat*
- The employment relationship, automated decisions, and related limitations. The regulation of incomprehensible phenomena, *by Enrico Gragnoli*
- Algorithms, Society and Economic Inequality, *by Juho Vaiste, Anne-Marie Tuikka and Tapio Vepsäläinen*

Virtual space: Track #07 | Management of Cybercrime: Where To From Here?

- How to be on time with security protocol?, *by Sabina Szymoniak*
- Smart cities bring new challenges in managing cybersecurity breaches, *by Shalini Kesar*
- A floating conjecture: identification through facial recognition, *by Wade Robison*

Virtual space: Keynotes & Plenary sessions

- [KEYNOTE] Ethical aspects and moral dilemmas generated by the use of chatbots, *by Jesús García de Madariaga (Complutense University of Madrid, Spain), Crisitina Olarte-Pascual (La Rioja University, Spain), Eva Reinares-Lara (Rey Juan Carlos University)*

June 22- June 29 **[ASYNCHRONOUS(\*) PAPER PRESENTATIONS AND DISCUSSIONS] [JUNE 22 – JUNE 29]**

**\*In track 9 there are 2 live panels**

Virtual space: Track #08 | Marketing Ethics in Digital Environments

- Native advertising: ethical aspects of kid influencers on YouTube, *by Natalia Gorshkova, Lorena Robaina-Calderín and Josefa D. Martín-Santana*
- Tourist shopping tracked. Ethic reflexion, *by Alba García-Milon, Emma Juaneda-Ayensa, Jorge Pelegrín-Borondo and Cristina Olarte-Pascual*
- Ethics in advertising. the fine line between the acceptable and the controversial, *by Jesús García-Madariaga, Ingrid Moya Burgos, María-Francisca López Blasco and Pamela Simón Sandoval*
- Ethical dilemmas in nonprofit organizations campaigns, *by Jesús García-Madariaga, Ingrid Moya Burgos, María-Francisca López Blasco and Pamela Simón Sandoval*
- Ethical implications of life secondary markets, *by Jorge de Andrés-Sánchez, Teresa Pintado-Blanco, Sonia Carcelén-García and Mario Arias-Oliva*
- Ethical challenges of online panels based on passive data collection technology, *by Jesús García-Madariaga, Ingrid Moya Burgos, María-Francisca Blasco López and Pamela Simón Sandoval*
- Brand, ethics and competitive advantage, *by Orlando Rua, António Oliveira and Rubén Fernández Ortiz*
- The impact of ethics on loyalty in social media consumers, *by Orlando Rua, António Oliveira and Rubén Fernández Ortiz*

Virtual space: Track #09 | Meeting Societal Challenges in Intelligent Communities Through Value Sensitive Design

- **[SYNCHRONOUS PANEL, Thursday June 25 7:00-8:00 CET (Madrid time)]** Ethical engineering and ergonomic standards - a panel on status and importance for academia, *by Sarah Spiekermann, Ake Walldius and Pieter Vermaas*
- **[SYNCHRONOUS PANEL, Friday 26 June, 6:00 pm (CET, Madrid time)]** PhD Student Perspectives on Value Sensitive Design, *by Nick Logler, Naomi Jacobs, Anna Melnyk, Adam Poulsen, Molly Balcom Raleigh, Till Winkler and Alan Borning*
- **[ASYNCHRONOUS PANEL]** The future of Value Sensitive Design, *by Batya Friedman, David Hendry, Steven Umbrello, Jeroen van den Hoven and Daisy Yoo*
- **[ASYNCHRONOUS PANEL]** Value Sensitive Design Education: State of the Art and Prospects for the Future, *by Eva Ericksson, Anisha Thilini Jessica Fernando, David Hendry, Irina Shklovski, Dylan Cawthorne and Daisy Yoo*
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- Stuck in the middle with u(sers): domestic data controllers & demonstrations of accountability in smart homes, *by Lachlan Urquhart and Jiahong Chen*
- Exploring value sensitive design for blockchain development, *by Roberto Garcia and Rosa Gil*
- Autonomous shipping systems: designing for safety, control and responsibility, *by Xuan Wang, Luciano Cavalcante Siebert and Jeroen van den Hoven*
- Value Sensing Robots: The Older LGBTIQ+ Community, *by Adam Poulsen, Ivan Skaines, Suzanne McLaren and Oliver Burmeister*
- Ontologies and knowledge graphs: A new way to represent and communicate values in technology design, *by Kathrin Bednar and Till Winkler*
- Value sensitive Design and Agile Development: Potential Methods for Value Prioritization, *by Till Winkler*
- Values and politics of a behavior change support system, *by Janet Davis and Buyaki Nyatichi*
- Teaching values in design in higher education – towards a curriculum compass, *by Elisabet Nilsson, Wolmet Barendregt, Eva Eriksson, Daisy Yoo, Rikke Toft Nørgård, Tilde Bekker and Annemiek Veldhuis*

- A holistic application of value sensitive design in big data applications: a case study of telecom namibia, *by Emilia Shikeenga, Rosa Gil and Roberto García*
- Exploring how value tensions could develop data ethics literacy skills, *by Anisha Fernando*
- Values in Public Service Media Recommenders, *by Maaik Harbers, Lotte Willemsen and Paul Rutten*

Virtual space: Track #10 | Monitoring and Control of AI Artifacts

- On the Challenges of monitoring and Control of AI Artifacts in the Organization: From the perspective of Chester I. Bernard's organizational theory, *by Hiroshi Koga*
- Rediscovery of an existential-cultural-ethical horizon to understand the meanings of robots, AI and autonomous cars we encounter in the life in the information era in Japan, Southeast Asia and the 'West', *by Makoto Nakada*
- Monitoring and control of ai artifacts: a research agenda, *by Hiroshi Koga and Sachiko Yanagihara*
- Differences in human and ai memory for memorization, recall, and selective forgetting, *by Sachiko Yanagihara and Hiroshi Koga*
- Post-truth society: the ai-driven society where no one is responsible, *by Tatsuya Yamazaki, Kiyoshi Murata, Yohko Orito and Kazuyuki Shimizu*
- An empirical study for the acceptance of original nudges and hypernudges, *by Yukari Yamazaki*
- The ethical issues on ai based medical information system architecture: the case of Tamba city model, *by Yoshiaki Fukami and Yohko Orito*
- Capturing the Trap in the Seemingly Free: Cinema and the Deceptive Machinations of Surveillance Capitalism, *by Fareed Ben-Youssef, Kiyoshi Murata and Andrew Adams*
- Artificial Intelligence and Mass Incarceration, *by Leah Rosenbloom*
- What brings AlphaGo for the professional players in the game of Go, and near future in our society?, *by Akira Uchino*
- Approach to legislation for ethical uses of AI artefacts in practice, *by Yasuki Sekiguchi*

**[SYNCHRONOUS ACTIVITY] [ONLINE CONFERENCE DINNER] [JUNE 25 - 19.00]**

Virtual space: Social Lounge

- [SOCIAL ACTIVITY] Online conference dinner

*On June 25 we will have our conference dinner. You will find virtual rooms where you will find up to other 4-6 conference attendants to meet and have a social activity like in any other conference. You can get ready a drink, get ready some food, and from home or office go to your "virtual table" in the social corner virtual space. Like in a face to face conference dinner, you don't know who you are going to meet, that's the "academic adventure of networking". If wish to join the dinner, please fill the following form before June 16, 2020:*

<https://forms.gle/QZGZM1YEnSvjcrPB9>

*You can choose one of the following time zones to join conference dinner:*

- 19.00 Sidney time (UTC +10)
- 19.00 Madrid time (UTC +2)
- 19.00 Oklahoma City time -Central Time US (CTZ – UTC -5)

June 29- July 6 [ASYNCHRONOUS PAPER PRESENTATIONS AND DISCUSSIONS] [JUNE 26 – JULY 6]

Virtual space: Track #11 | Open track

- Organisational ethics of big data: lessons learned from practice, *by Maryam Al-Nuaimi*
- The anticipatory stance in smart systems and in the smart society, *by Sabine Thuermel*
- Once again, we need to ask, "what have we learned from hard experience?", *by William Fleischman and Jack Crawford*
- Ethical issues related to the distribution of personal data: case of an information bank in Japan, *by Hiroki Idota*
- Digital capital and sociotechnical imaginaries: Envisaging future home tech with low-income communities, *by Roxana Firth and Catherine Flick*
- The 'selfish vision', *by Peter Vistisen and Thessa Jensen*
- A meta-analysis of Responsible Research and Innovation case studies - Reviewing the benefits to industry of engagement with RRI, *by Vincent Bryce, Bernd Stahl and Laurence Brooks.*
- On using a model for downstream responsibility, *by Marty J. Wolf, Frances Grodzinsky and Keith Miller*
- On Preferential Fairness of Matchmaking: a Speed Dating Case Study, *by Dimitris Paraschakis and Bengt J. Nilsson*
- Collected for one reason, used for another: the emergence of refugee data in Uganda, *by Annabel Mwaligani*
- Perceived risk and desired protection: towards comprehensive understanding of data sensitivity, *by Yasunori Fukuta, Kiyoshi Murata and Yohko Orito*
- Privacy Disruptions arising from the use of Brain-Computer Interfaces, *by Kirsten Wahlstrom, Helen Ashman and Sara Wilford*
- Ethical issues of e-infrastructures: what are they and how can they be addressed?, *by Damian Eke, Bernd Stahl, George Ogoh, William Knight and Simisola Akintoye*
- The Role of Data Governance in the Development of Inclusive Smart Cities, *by Damian Eke and John Ebohon*
- Ethical concerns of mega-constellations for broadband communication, *by Marco Crepaldi*
- Employee technology acceptance of Industry 4.0, *by Jan Strohschein, Ana María Lara-Palma and Heide Faeskorn-Woyke*
- AI and Ethics for Children: How AI can contribute to children's wellbeing and mitigate ethical concerns in child development, *by Ryoko Asai*
- "I approved it...and I'll do it again": robotic policing and its potential for increasing excessive force, *by Raphael Jackson*
- The Power to Design: Exploring Utilitarianism, Deontology, and Virtue Ethics in Three Technology Case Studies, *by Kathrin Bednar and Sarah Spiekermann-Hoff*
- Meaningful Human Control over Opaque Machines, *by Scott Robbins*
- Knowledge and usage: the right to privacy in the smart city, *by Sage Cammers-Goodwin*
- Understanding public views on the ethics and human rights impacts of ai and big data, *by Laurence Brooks, Bernd Carsten Stahl and Nitika Bhalla*
- Artificial Intelligence and Gender: How AI will change women's work in Japan *by Ryoko Asai*
- Digital Conflicts, *by Mario Arias-Oliva, Antonio Pérez-Portabella, Elena Ferrán, Mar Souto-Romero and Juan Luis Galiacho*
- Responsibility in the Age of Irresponsible Speech, *by Benjamin Mitchell and William Fleischman*
- Hate speech and humour in the context of political discourse, *by Piotr Pawlak and Gonçalo Costa*
- Customer experience and satisfaction in the teaching-learning process: evidence at university level, *by Alicia Izquierdo-Yusta, Ana Isabel Jimenez-Zarco and Maria Pilar Martinez-Ruiz*
- Mobile applications and assistive technology: findings from a local study, *by Isabel Alvarez and Kelly Gaspar*

Virtual space: Track #12 | Technology Meta-Ethics

- Distinguishability, Indistinguishability, and Robot Ethics: Calling Things by Their Right Names, *by Alexis Elder*
- Digital Recognition or Digital Attention – the Difference Between Skillfulness and Trolling?, *by Bo Allesøe Christensen and Thessa Jensen*
- Self-Reliance: The Neglected Virtue to Heal what Ails Us, *by Richard Volkman*
- From just consequentialism to intentional consequentialism in computing, *by Kai Kimppa*
- Deliberating Algorithms: A Descriptive Approach Towards Ethical Debates on Algorithms, Big Data, and AI, *by Stef Van Ool and Katleen Gabriels*
- What is Vector Utilitarianism?, *by Wilhelm E. J. Klein*
- Virtue, capability and care: beyond the consequentialist imaginary, *by Alison Powell, Funda Ustek Spilda and Irina Shklovski*

Virtual space: Keynotes & Plenary sessions

- [KEYNOTE] The Ethics of Cyborgs, *by Jorge Pelegrín-Borondo (La Rioja University, Spain) and Mario Arias-Oliva (Universitat Rovira i Virgili)*

**July 6** [SYNCHRONOUS ACTIVITY] 15.30-17.00 - Madrid time

Virtual space: Keynotes & Plenary sessions

- Q & A and Closing

**July 6 – July 31** [ASYNCHRONOUS ACCESS] [JULY 6 – JULY 31]

[POST-CONFERENCE]

*In the post-conference discussion all tracks will be re-opened again until July 31. Attendants can access it again to make comments discuss with other attendants, collect information, etc.*

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ETHICOMP 2020 Team (Kiyoshi Murata, Jorge Pelegrín-Borondo, Ana María Lara-Palma, Emma Juaneda-Ayensa, Mario Arias-Oliva)